

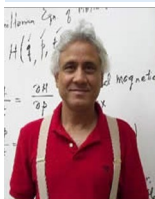
RESEARCH and DEVELOPMENT INFRASTRUCTURE (RDI) PROGRAM AWARD



Pictured from left to right: Ruben Delgado, Ph.D., Jeanette Davis, Ph.D., William Moore, Ph.D., Neelam Azad, Ph.D., and Stephen Guimond, Ph.D

The U.S. Department of Education (DoE) has awarded Hampton University a \$4.9M grant to establish an interdisciplinary Climate Science degree program, embedded in a National Center for Climate Modeling Research. According to the U.S. DoE’s press release, the grants are being provided under the Research and Development Infrastructure (RDI) program, which provides funds to HBCUs to transform their research infrastructure, including strengthening research productivity, faculty expertise, physical infrastructure, and partnerships leading to increases in external funding. The Climate Science degree program will bring together experts from various fields, fostering collaboration between meteorologists, environmental scientists, data analysts, and more. Students enrolled in the program will gain hands-on experience through the National Center for Climate Modeling Research, contributing to cutting-edge research and addressing pressing climate issues. The principal investigator (PI) is William Moore, Ph.D., and the co-PIs are Ruben Delgado, Ph.D. and Stephen Guimond, Ph.D. from the Department of Atmospheric and Planetary Sciences, along with co-PI Jeanette Davis, Ph.D., from the Department of Marine and Environmental Sciences, all within the School of Science. Neelam Azad, Ph.D., Vice President for Research, serves as the senior administrative personnel on the grant and will be assisting the team with building the research infrastructure necessary to support the program.

RESEARCH GRANTS



Dr. Alkesh Punjabi, Research Professor, Department of Mathematics, and Director, HU Center for Fusion Research and Training (CFRT) has

received two grants from the US Department of Energy (DOE), Office of Science (OS), Fusion Energy Science (FES) division. The first grant totaling to \$498,000 is titled *Simulation of nonresonant stellarator divertor*. The second grant in the amount of \$600,000 is titled HiFiStell (High Fidelity Stellarator). This grant is the most prestigious SciDAC (Scientific Discovery through Advanced Computing) program in partnership with Princeton University. The potentially revolutionary concept of the non-resonant stellarator divertor was invented by Punjabi and Professor Allen Boozer of Columbia University in 2020 in the paper *Simulation of non-resonant stellarator divertor*, A. Punjabi and A.H. Boozer, Physics of Plasmas 27, 012503 (2020). Dr. Punjabi has served at HU for more than 40 years, bringing in research funding to the tune of ~ \$ 15 M to date.

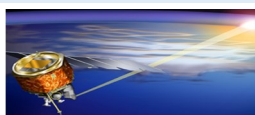
CONTACT US

vpforresearch@hamptonu.edu
757.728.6580



Dr. Margaret Cox, Associate Professor in the Department of English and Foreign Languages, School of Liberal Arts and Education, received \$60,000 from the National Endowment for the Humanities’ Spotlight on Humanities in Higher Education grant program. The two-year grant funds *Conversations in Literature & Culture* - an original video podcast in which Hampton University students, faculty, and invited writers, scholars, and creative artists engaged in discussion about humanities issues that raise historical, societal, and cultural awareness.

WEBSITE LAUNCH



The Office of the VPR is proud to announce the launch of the new research webpage.

<https://home.hamptonu.edu/research/>

A few key features of the new website include:

- Research News
- Pre-award/Post-award resources
- Policies and guidelines
- Research Informational Forum videos

Research Trivia

What was the first animal to ever be cloned?

- A. Sheep B. Mouse
C. Dog D. Pig

STAFF RECOGNITIONS



Dr. Neelam Azad, Vice President for Research, was appointed to the esteemed Commonwealth Health Research Board (CHRB)

by Governor Glenn Youngkin. This appointment reflects Dr. Azad’s outstanding contributions to research and underscores her commitment to advancing healthcare initiatives within the Commonwealth.



Dr. Karen D. Brown, Grants Management Coordinator, recently received her Doctorate of Business Administration degree from Walden University. Dr. Brown is a 1995 graduate of Hampton University and holds an MBA and Master’s degree in Management/HR concentration from Florida Institute of Technology.

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Robin Leverette-Dardy was appointed to the position of Executive Assistant to the VPR. Ms. Robin is responsible for managing the budget, research website, newsletter, research handbook and various other functions in the Office of the VPR. She has an Associate’s degree in Business Administration from Benedictine University.